

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1, 5 and 6 as follows:

LISTING OF CLAIMS:

1. (Currently Amended) A manufacturing apparatus for manufacturing electronic monolithic ceramic components, the manufacturing apparatus comprising:

a sheet supplier for supplying a plurality of types of ceramic green sheets in a predetermined order, each ceramic green sheet lined with a carrier film and having a plurality of pin insertion holes that penetrate the ceramic green sheet and the carrier film, the sheet supplier including a plurality of trays, each tray being adapted to hold at least one ceramic green sheet with carrier film and plurality of pin insertion holes, the plurality of ceramic green sheets being held in the plurality of trays according to type, a rack for vertically aligning the plurality of trays, a tray drawer device for drawing trays from the rack according to a predetermined order, and rails arranged to guide a tray drawing operation of the tray drawer device, ~~and a chucking device which vacuum chucks a top-most ceramic green sheet in a tray near opposing edges of the ceramic green sheet and which temporarily places the chucking points closer to each other at a moment of lifting the ceramic green sheet, wherein the ceramic green sheet sags and separates from a ceramic green sheet therebeneath;~~

a laminator for laminating the plurality of ceramic green sheets supplied by the sheet supplier, the laminator having a plurality of guide pins to penetrate the pin insertion holes while laminating the plurality of green sheets;

a conveyor device for picking up a single ceramic green sheet from a drawn tray and conveying the single ceramic green sheet to the laminator;

a compression bonder configured to press each ceramic green sheet lined with carrier film and placed on the laminator, to peel off the carrier film, and to discharge the peeled carrier film to a film discharger;

a processor unit adapted to receive data concerning at least a type, an order in lamination, and a quantity of ceramic green sheets necessary for a laminate for a desired electronic monolithic component;

the sheet supplier including a drive for driving the rack to be raised and lowered in a vertical direction; and

the tray drawer device being arranged to draw a particular tray from the rack when, as a result of the rack being at least one of raised and lowered by the drive, the particular tray is positioned at a predetermined height.

2. (Canceled)

3. (Original) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 1, wherein at least some ceramic green sheets of the same type are stacked one above another in a single tray to form a stack of ceramic green sheets, and the conveyor device comprises a chucking device for chucking a topmost ceramic green sheet of the stack of the ceramic green sheets in the tray for conveyance.

4. (Canceled)

5. (Currently Amended) A manufacturing apparatus for manufacturing electronic monolithic ceramic components, the manufacturing apparatus comprising:

a sheet supplier for supplying a plurality of types of ceramic green sheets in a predetermined order, each ceramic green sheet lined with a carrier film and having a plurality of pin insertion holes that penetrate the ceramic green sheet and the carrier film, the sheet supplier including a plurality of trays, each tray being adapted to hold at least one ceramic green sheet with carrier film and plurality of pin insertion holes, at least two of the trays holding two different types of ceramic green sheet, respectively, the plurality of ceramic green sheets being held in the plurality of trays according to type, a rack for vertically aligning the plurality of trays, a tray drawer device for drawing the at least two trays from the rack according to a predetermined order, and rails arranged to guide a tray drawing operation of the tray drawer device, ~~and a chucking device which vacuum chucks a top-most ceramic green sheet in a tray near opposing edges of the ceramic green sheet and which temporarily places the chucking points closer to each other at a moment of lifting the ceramic green sheet, wherein the ceramic green sheet sags and separates from a ceramic green sheet therebeneath;~~

a laminator for laminating the plurality of ceramic green sheets supplied by the sheet supplier, the laminator having a plurality of guide pins to penetrate the pin insertion holes while laminating the plurality of green sheets;

a conveyor device for picking up a single ceramic green sheet from a drawn tray and conveying the single ceramic green sheet to the laminator;

a compression bonder configured to press each ceramic green sheet lined with carrier film and placed on the laminator, to peel off the carrier film, and to discharge the peeled carrier film to a film discharger;

a processor unit adapted to receive data concerning at least a type, an order in lamination, and a quantity of ceramic green sheets necessary for a laminate for a desired electronic monolithic component;

the sheet supplier including a drive for driving the rack to be raised and lowered in a vertical direction; and

the tray drawer device being arranged to draw a particular tray from the rack when, as a result of the rack being at least one of raised and lowered by the drive, the particular tray is positioned at a predetermined height.

6. (Currently Amended) A manufacturing apparatus for manufacturing electronic monolithic ceramic components, the manufacturing apparatus comprising:

a sheet supplier for supplying a plurality of types of ceramic green sheets in a predetermined order, each ceramic green sheet lined with a carrier film and having a plurality of pin insertion holes that penetrate the ceramic green sheet and the carrier film, the sheet supplier including a plurality of trays, in each tray the ceramic green sheets being sorted according to the respective type thereof and a plurality of ceramic green sheets of the same type being stored on each tray, a rack for vertically aligning the plurality of trays, each of the trays including the plurality of ceramic green sheets of the same type, a tray drawer device for drawing trays from the rack according to a predetermined order, and rails arranged to guide a tray drawing operation of the tray drawer device, ~~and a chucking device which vacuum-chucks a top-most ceramic green sheet in a tray near opposing edges of the ceramic green sheet and which temporarily places the chucking points closer to each other at a moment of lifting the ceramic green sheet, wherein the ceramic green sheet sags and separates from a ceramic green sheet therebeneath;~~

a laminator for laminating the plurality of ceramic green sheets supplied by the sheet supplier, the laminator having a plurality of guide pins to penetrate the pin insertion holes while laminating the plurality of green sheets;

a conveyor device for picking up a single ceramic green sheet from a drawn tray and conveying the single ceramic green sheet to the laminator;

a compression bonder configured to press each ceramic green sheet lined with carrier film and placed on the laminator, to peel off the carrier film, and to discharge the peeled carrier film to a film discharger;

a processor unit adapted to receive data concerning at least a type, an order in lamination, and a quantity of ceramic green sheets necessary for a laminate for a desired electronic monolithic component;

the sheet supplier including a drive for driving the rack to be raised and lowered in a vertical direction; and

the tray drawer device being arranged to draw a particular tray from the rack when, as a result of the rack being at least one of raised and lowered by the drive, the particular tray is positioned at a predetermined height.

7. (Previously Presented) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 1, wherein the rack moves along a single axis.

8. (Previously Presented) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 5, wherein the rack moves along a single axis.

9. (Previously Presented) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 6, wherein the rack moves along a single axis.

10. (Previously Presented) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 1, wherein the tray drawer device further comprises a chuck to travel along the rails, the chuck is both vertically and horizontally movable, and the chuck comprises pins to mate with each tray.

11. (Previously Presented) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 5, wherein the tray drawer device further comprises a chuck to travel along the rails, the chuck is both vertically and horizontally movable, and the chuck comprises pins to mate with each tray.

12. (Previously Presented) A manufacturing apparatus for manufacturing electronic monolithic ceramic components according to claim 6, wherein the tray drawer device further comprises a chuck to travel along the rails, the chuck is both vertically and horizontally movable, and the chuck comprises pins to mate with each tray.